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File FH 7321 Proposalo.

MEMO FOR FILE

3 September 1965

SUBJECT: Contract FH-7321, Review of AIL Software Tasks

A meeting was held at WPAFB on 24 and 25 August 1965 for the purpose of reviewing the complete AIL software effort authorized to date and proposed for future work. \_\_\_\_\_\_\_\_ in a conversation with STAT Colonel Geary was directed to have a complete review of the software program in an effort to curtail all unnecessary effort and to cancel effort presently approved that is not absolutely necessary at this time. The following personnel were in attendance at the meeting:

AIL
Govt

STAT

The following ECP's and contract tasks were reviewed and conclusions reached on each is as indicated:

ECP #1 "Proficiency Mission Planning"

This ECP was cancelled. Contractor stated no effort had been expended on the ECP to date.

ECP #2 "Vehicle Files"

This ECP was disapproved. The ECP had not been submitted by the contractor or approved by the SPO to date. No further action will be taken.

## ECP #3 "Strip Film Preparation"

This ECP was approved 7 July and is remaining in the program. (SPO and AIL agreed to an approximately 40% reduction in effort in discussions subsequent to meeting. AIL was advised not to resubmit the ECP) and the reduction in cost would be considered at the time of final negotiations.

## ECP 4A "Nav Processing"

Group recommended this ECP be approved. To date the ECP had not been approved to the contractor by the contracting officer (approved by SPO 12 Aug.).

#### ECP 5 "TACAN File"

This ECP is recommended to be completed in view of the fact that it is 70% complete to date. No further AIL effort will be needed on this ECP beyond the completion date. SAC agreed to update the file with Blue Shirt personnel.

## ECP 6 "Update Executive"

This ECP has been cancelled. It is recommended that if this effort is required at a later date the effort would be contracted under the service contracts.

# ECP 7 "Additional Peripheral Equipment for Support Computer"

This ECP is recommended for approval. However, in conjunction with ECP 16 and 17, we may move the major portion of AIL effort to Beale AFB in the 1st or 2nd quarter of FY 67 thus eliminating a requirement for computer and peripheral equipment effort at the contractor's plant.

#### ECP 8 "Audio Processor"

It was recommended that this ECP be approved. However, the AF will make an effort to find suitable playback units in AF inventory. If said units cannot be obtained thru AF inventory, then AIL would be requested to supply them.

#### ECP 9 "Master Executive Routine"

This ECP was recommended for approval, however, in conjunction with ECP 7 and 17 it may be desirable to complete the effort at Beale AFB. Further direction by the SPO will be forthcoming to the contractor on this effort.

ECP 10 "Briefing Aid Study"

This ECP was cancelled. The contractor stated that little or no effort has been expended on this ECP to date.

ECP 11 "Implementation of Structuring Study"

This ECP was cancelled in its entirity.

ECP 12 "Support of MP2 for Cat II"

Recommended that this ECP remain approved, however AIL and SPO will review the manpower levels quoted for this effort.

ECP 13 "Support of MP<sup>2</sup> Following Deliveries 2/285/31"

This ECP was cancelled for consideration of contract 7321, however, the contractor would include this ECP in his service contract's quotation.

ECP 14 "MP<sup>2</sup> Software Modification and Improvement"

This ECP was disapproved in its entirity.

ECP 15 "EMR Software Modification for Improvements"

This ECP was disapproved in its entirity. If, in the future, it is found necessary to contract for this effort, it will be considered under the service contract.

ECP 16 "CPC Equipment Acquisition"

Remains approved as submitted. However, in conjunction with the notation ECP #7, the SPO will consider installing the off-line printer in FY-66.

#### ECP 17 "MPC/CPC Support Computer"

This ECP remains approved. However, in conjunction with the notation under ECP #7, the SPO desires to move the major portion of the contractor's effort to Beale early in FY 67.

ECP 18 "MP2 Training"

The contractor will prepare a revised ECP when SAC, SPO and the contractor agree on the timing, location, duration and contents of the courses. Contractor will resubmit the ECP at a later date.

ECP 19 "Film Strip Preparation Equipment"

This ECP remains approved as submitted. We discussed cancelling the 3rd animation stand but concluded that nothing would be gained by cancelling it in view of the fact that over \$10,000 had been expended to date.

ECP 20 "Nav Mods"

This ECP has been disapproved. No further effort required.

ECP 21 "Briefing Aids Equipment"

This ECP has been disapproved except that AIL will submit hardware recommendations and quotations required under the basic contract. It was decided that SAC must furnish their own briefing aids.

ECP 22 "Extended CDC 3200 Computer Services"

This ECP was submitted under the heading of field support of MDRDE and retitled to its present title. The contractor was required to submit this ECP to cover computer service through Oct 1966, when SAC will pick up the contract.

There was some discussion on the MDRDE effort as to who would perform the field support for this equipment. There was some doubt as to whether ADP who is the supplier of this item would support the equipment. The SPO will investigate and determine which contractor will support MDRDE.

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### ECP 23 "Analog Data Processor"

This ECP was recommended for approval, however, it was also recommended that the costs and status be monitored very closely. Effort should not be expended until the SPO has been assured that the "Wide" band recorder has been proven.

ECP 24 "Instrumentation Study"

This ECP was disapproved.

ECP 25 "Additional MOP Requirements"

This ECP was disapproved.

ECP 26 "Additional DIA Requirements"

This ECP was disapproved.

MP<sup>2</sup> task under Item 8 of the contract included "mission structuring study" and "mission briefing study". It was recommended that all future effort from this day forward be terminated and the contractor would analyze the costs involved in order to adjust the contract price downwards.

Task 3c covered on contract item 7E(2). Decision was made to cancel this part of the item, however, the SPO still desires the nav and sensor status processing. The contractor will reword this part of the item and submit to the SPO for approval. The contractor will further analyze the effect of the contract price by the deletion of this item.

Task 3d covered under Item 7D of the contract remains as stated, however, the trend analysis phase of said task should be accomplished at a rate consistent with the flight test program. The goal for the trend analysis processing was reaffirmed as 80 minutes.

#### Conclusions:

The contractor was requested to review the effects of this meeting and to advise the SPO and SAC of any detrimental effects to the overall program as the result of cancelling of some phases indicated above. The contractor would advise the SPO as soon as possible of any information pertaining to effects of this program as result of curtailment effected by this meeting.